

ABSTRACT

A MAC unit (10) divides data to be transmitted into number of applying channels, thereby generating transmission data. An applying-channel notifying unit (11) inserts channel information for identifying an applying channel into a used area of the transmission data. Transmission processing units (20a to 20d) corresponding to the applying channels generate radio frames from the transmission data into which the channel information is inserted, and transmit the generated radio frames to the radio communication apparatus at the reception side.